

8 CONDUCTED RF OUPUT POWER

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8.1 GSM Output Power

| GSM 850-Level1-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level1-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 30.02 | 30.03 | 29.96 | 30.50 | 20.83 | 20.84 | 20.77 | 21.31 |
| GPRS 1-Slot | 30.03 | 30.02 | 29.95 | 30.50 | 20.84 | 20.83 | 20.76 | 21.31 |
| GPRS 2-Slots | 28.54 | 28.54 | 28.49 | 29.00 | 22.41 | 22.41 | 22.36 | 22.87 |
| GPRS 3-Slots | 27.63 | 27.62 | 27.57 | 28.00 | 23.21 | 23.20 | 23.15 | 23.58 |
| GPRS 4-Slots | 26.55 | 26.56 | 26.51 | 27.00 | 23.37 | 23.38 | 23.33 | 23.82 |
| EGPRS 1-Slot | 26.35 | 26.58 | 26.35 | 27.00 | 17.16 | 17.39 | 17.16 | 17.81 |
| EGPRS 2-Slots | 25.41 | 25.58 | 25.28 | 26.00 | 19.28 | 19.45 | 19.15 | 19.87 |
| EGPRS 3-Slots | 23.37 | 23.56 | 23.32 | 24.00 | 18.95 | 19.14 | 18.90 | 19.58 |
| EGPRS 4-Slots | 22.18 | 22.64 | 22.23 | 23.00 | 19.00 | 19.46 | 19.05 | 19.82 |

| GSM 850-Level2-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level2-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 30.02 | 30.03 | 29.96 | 30.50 | 20.83 | 20.84 | 20.77 | 21.31 |
| GPRS 1-Slot | 30.03 | 30.02 | 29.95 | 30.50 | 20.84 | 20.83 | 20.76 | 21.31 |
| GPRS 2-Slots | 28.54 | 28.54 | 28.49 | 29.00 | 22.41 | 22.41 | 22.36 | 22.87 |
| GPRS 3-Slots | 27.63 | 27.62 | 27.57 | 28.00 | 23.21 | 23.20 | 23.15 | 23.58 |
| GPRS 4-Slots | 26.55 | 26.56 | 26.51 | 27.00 | 23.37 | 23.38 | 23.33 | 23.82 |
| EGPRS 1-Slot | 26.35 | 26.58 | 26.35 | 27.00 | 17.16 | 17.39 | 17.16 | 17.81 |
| EGPRS 2-Slots | 25.41 | 25.58 | 25.28 | 26.00 | 19.28 | 19.45 | 19.15 | 19.87 |
| EGPRS 3-Slots | 23.37 | 23.56 | 23.32 | 24.00 | 18.95 | 19.14 | 18.90 | 19.58 |
| EGPRS 4-Slots | 22.18 | 22.64 | 22.23 | 23.00 | 19.00 | 19.46 | 19.05 | 19.82 |

| GSM 850-Level3-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level3-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 30.02 | 30.03 | 29.96 | 30.50 | 20.83 | 20.84 | 20.77 | 21.31 |
| GPRS 1-Slot | 30.03 | 30.02 | 29.95 | 30.50 | 20.84 | 20.83 | 20.76 | 21.31 |
| GPRS 2-Slots | 28.54 | 28.54 | 28.49 | 29.00 | 22.41 | 22.41 | 22.36 | 22.87 |
| GPRS 3-Slots | 27.63 | 27.62 | 27.57 | 28.00 | 23.21 | 23.20 | 23.15 | 23.58 |
| GPRS 4-Slots | 26.55 | 26.56 | 26.51 | 27.00 | 23.37 | 23.38 | 23.33 | 23.82 |
| EGPRS 1-Slot | 26.35 | 26.58 | 26.35 | 27.00 | 17.16 | 17.39 | 17.16 | 17.81 |
| EGPRS 2-Slots | 25.41 | 25.58 | 25.28 | 26.00 | 19.28 | 19.45 | 19.15 | 19.87 |
| EGPRS 3-Slots | 23.37 | 23.56 | 23.32 | 24.00 | 18.95 | 19.14 | 18.90 | 19.58 |
| EGPRS 4-Slots | 22.18 | 22.64 | 22.23 | 23.00 | 19.00 | 19.46 | 19.05 | 19.82 |

| GSM 850-Level4-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level4-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 29.16 | 29.14 | 29.08 | 29.50 | 19.97 | 19.95 | 19.89 | 20.31 |
| GPRS 1-Slot | 29.24 | 29.23 | 29.18 | 29.50 | 20.05 | 20.04 | 19.99 | 20.31 |
| GPRS 2-Slots | 26.45 | 26.46 | 26.40 | 27.00 | 20.32 | 20.33 | 20.27 | 20.87 |
| GPRS 3-Slots | 24.75 | 24.76 | 24.71 | 25.00 | 20.33 | 20.34 | 20.29 | 20.58 |
| GPRS 4-Slots | 23.54 | 23.53 | 23.52 | 25.00 | 20.36 | 20.35 | 20.34 | 21.82 |
| EGPRS 1-Slot | 25.42 | 25.38 | 25.40 | 26.00 | 16.23 | 16.19 | 16.21 | 16.81 |
| EGPRS 2-Slots | 22.33 | 22.45 | 22.38 | 24.00 | 16.20 | 16.32 | 16.25 | 17.87 |
| EGPRS 3-Slots | 20.36 | 20.55 | 20.46 | 22.00 | 15.94 | 16.13 | 16.04 | 17.58 |
| EGPRS 4-Slots | 19.11 | 19.05 | 19.10 | 21.00 | 15.93 | 15.87 | 15.92 | 17.82 |

| GSM 850-Level5-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level5-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 29.16 | 29.14 | 29.08 | 29.50 | 19.97 | 19.95 | 19.89 | 20.31 |
| GPRS 1-Slot | 29.24 | 29.23 | 29.18 | 29.50 | 20.05 | 20.04 | 19.99 | 20.31 |
| GPRS 2-Slots | 26.45 | 26.46 | 26.40 | 27.00 | 20.32 | 20.33 | 20.27 | 20.87 |
| GPRS 3-Slots | 24.75 | 24.76 | 24.71 | 25.00 | 20.33 | 20.34 | 20.29 | 20.58 |
| GPRS 4-Slots | 23.54 | 23.53 | 23.52 | 25.00 | 20.36 | 20.35 | 20.34 | 21.82 |
| EGPRS 1-Slot | 25.42 | 25.38 | 25.40 | 26.00 | 16.23 | 16.19 | 16.21 | 16.81 |
| EGPRS 2-Slots | 22.33 | 22.45 | 22.38 | 24.00 | 16.20 | 16.32 | 16.25 | 17.87 |
| EGPRS 3-Slots | 20.36 | 20.55 | 20.46 | 22.00 | 15.94 | 16.13 | 16.04 | 17.58 |
| EGPRS 4-Slots | 19.11 | 19.05 | 19.10 | 21.00 | 15.93 | 15.87 | 15.92 | 17.82 |

| GSM 850-Level6-Down | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------|----------------------------|--------------|-------|---------------------|
| GSM850 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 128 | 190 | 251 | | 128 | 190 | 251 | |
| GSM (GMSK, 1-Slot) | 32.45 | 32.49 | 32.45 | 33.50 | 23.26 | 23.30 | 23.26 | 24.31 |
| GPRS 1-Slot | 32.49 | 32.41 | 32.44 | 33.50 | 23.30 | 23.22 | 23.25 | 24.31 |
| GPRS 2-Slots | 31.60 | 31.63 | 31.57 | 32.00 | 25.47 | 25.50 | 25.44 | 25.87 |
| GPRS 3-Slots | 29.91 | 29.96 | 29.87 | 31.00 | 25.49 | 25.54 | 25.45 | 26.58 |
| GPRS 4-Slots | 28.62 | 28.68 | 28.57 | 29.50 | 25.44 | 25.50 | 25.39 | 26.32 |
| EGPRS 1-Slot | 26.43 | 26.82 | 26.72 | 28.00 | 17.24 | 17.63 | 17.53 | 18.81 |
| EGPRS 2-Slots | 25.37 | 25.60 | 25.65 | 26.50 | 19.24 | 19.47 | 19.52 | 20.37 |
| EGPRS 3-Slots | 23.12 | 23.36 | 23.77 | 24.50 | 18.70 | 18.94 | 19.35 | 20.08 |
| EGPRS 4-Slots | 21.94 | 22.17 | 22.19 | 23.00 | 18.76 | 18.99 | 19.01 | 19.82 |
| GSM 1900-Level6-Down | | | | | | | | |
| GSM1900 Band | Burst Average Power (dBm) | | | Tune-up Power (dBm) | Frame-Averaged power (dBm) | | | Tune-up Power (dBm) |
| Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM (GMSK, 1-Slot) | 29.16 | 29.14 | 29.08 | 29.50 | 19.97 | 19.95 | 19.89 | 20.31 |
| GPRS 1-Slot | 29.24 | 29.23 | 29.18 | 29.50 | 20.05 | 20.04 | 19.99 | 20.31 |
| GPRS 2-Slots | 26.45 | 26.46 | 26.40 | 27.00 | 20.32 | 20.33 | 20.27 | 20.87 |
| GPRS 3-Slots | 24.75 | 24.76 | 24.71 | 25.00 | 20.33 | 20.34 | 20.29 | 20.58 |
| GPRS 4-Slots | 23.54 | 23.53 | 23.52 | 25.00 | 20.36 | 20.35 | 20.34 | 21.82 |
| EGPRS 1-Slot | 25.42 | 25.38 | 25.40 | 26.00 | 16.23 | 16.19 | 16.21 | 16.81 |
| EGPRS 2-Slots | 22.33 | 22.45 | 22.38 | 24.00 | 16.20 | 16.32 | 16.25 | 17.87 |
| EGPRS 3-Slots | 20.36 | 20.55 | 20.46 | 22.00 | 15.94 | 16.13 | 16.04 | 17.58 |
| EGPRS 4-Slots | 19.11 | 19.05 | 19.10 | 21.00 | 15.93 | 15.87 | 15.92 | 17.82 |

8.3 LTE Output Power

8.3.1 LTE Band5 Output Power

| LTE B5-Level1-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 | |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 | |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 | |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 | |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 | |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 | |
| | 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| | 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| HIGH | | | Q16 | 21.87 | 22.25 | 21.84 | 23.20 | |
| 3 | | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 | |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 | |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 | |
| 6 | | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | HIGH | | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 | |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 | |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 | |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 | |
| | 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| | 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| HIGH | | | QPSK | 22.71 | 22.88 | 22.83 | 24.20 | |
| 8 | | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | | | HIGH | Q16 | 21.79 | 22.16 | 21.90 | 23.20 |
| | | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 |
| | | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 |
| | HIGH | | Q16 | 21.08 | 21.12 | 21.09 | 22.20 | |
| 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 | | |
| 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 | 22.20 | |
| | | MID | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 | |
| | | HIGH | 64QAM | 21.02 | 21.38 | 20.91 | 22.20 | |
| | 8 | LOW | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 | |
| | | MID | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 | |
| | | HIGH | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 | |
| | 15 | LOW | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | | |
| 10 | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 | |
| | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 | |
| | | HIGH | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

LTE B5-Level2-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 | |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 | |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 | |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 | |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 | |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 | |
| | 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| | 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| HIGH | | | Q16 | 21.87 | 22.25 | 21.84 | 23.20 | |
| 3 | | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 | |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 | |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 | |
| 6 | | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | HIGH | | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 | |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 | |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 | |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 | |
| | 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| | 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| HIGH | | | QPSK | 22.71 | 22.88 | 22.83 | 24.20 | |
| 8 | | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | | | HIGH | Q16 | 21.79 | 22.16 | 21.90 | 23.20 |
| | | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 |
| | | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 |
| | | | HIGH | Q16 | 21.08 | 21.12 | 21.09 | 22.20 |
| | | 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 |
| | | 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 |
| | MID | | | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 |
| HIGH | 64QAM | | | 21.02 | 21.38 | 20.91 | 22.20 | |
| 8 | LOW | | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 | |
| | MID | | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 | |
| | HIGH | | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 | |
| 15 | LOW | | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|--------------------|--------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | |
| 10 | | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 |
| | | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 |
| | HIGH | | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

| LTE B5-Level3-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|-------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dB) | |
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 | |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 | |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 | |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 | |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 | |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 | |
| | 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| | 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| HIGH | | | Q16 | 21.87 | 22.25 | 21.84 | 23.20 | |
| 3 | | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 | |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 | |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 | |
| 6 | | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | HIGH | | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 | |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 | |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 | |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 | |
| | 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| | 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| HIGH | | | QPSK | 22.71 | 22.88 | 22.83 | 24.20 | |
| 8 | | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | | | HIGH | Q16 | 21.79 | 22.16 | 21.90 | 23.20 |
| | | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 |
| | | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 |
| | HIGH | | Q16 | 21.08 | 21.12 | 21.09 | 22.20 | |
| | 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 | 22.20 |
| | | | MID | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 |
| HIGH | | | 64QAM | 21.02 | 21.38 | 20.91 | 22.20 | |
| 8 | | LOW | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 | |
| | | MID | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 | |
| | | HIGH | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 | |
| 15 | | LOW | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dB) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|-------------------|-------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dB) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | |
| 10 | | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 |
| | | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 |
| | HIGH | | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

| LTE B5-Level4-Down | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|-------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dB) |
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 |
| 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| | | HIGH | Q16 | 21.87 | 22.25 | 21.84 | 23.20 |
| | 3 | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 |
| 6 | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | | HIGH | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 |
| 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| | | HIGH | QPSK | 22.71 | 22.88 | 22.83 | 24.20 |
| 8 | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | | HIGH | Q16 | 21.79 | 22.16 | 21.90 | 23.20 |
| | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 |
| | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 |
| | | HIGH | Q16 | 21.08 | 21.12 | 21.09 | 22.20 |
| 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 | |
| 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 | 22.20 |
| | | MID | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 |
| | | HIGH | 64QAM | 21.02 | 21.38 | 20.91 | 22.20 |
| | 8 | LOW | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 |
| | | MID | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 |
| | | HIGH | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 |
| 15 | LOW | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dB) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|-------------------|-------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dB) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | |
| 10 | | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 |
| | | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 |
| | HIGH | | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

| LTE B5-Level5-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|-------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dB) | |
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 | |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 | |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 | |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 | |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 | |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 | |
| | 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| | 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| HIGH | | | Q16 | 21.87 | 22.25 | 21.84 | 23.20 | |
| 3 | | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 | |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 | |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 | |
| 6 | | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | HIGH | | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 | |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 | |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 | |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 | |
| | 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| | 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| HIGH | | | QPSK | 22.71 | 22.88 | 22.83 | 24.20 | |
| 8 | | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | HIGH | | Q16 | 21.79 | 22.16 | 21.90 | 23.20 | |
| | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 | |
| | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 | |
| | | HIGH | Q16 | 21.08 | 21.12 | 21.09 | 22.20 | |
| | 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 | 22.20 |
| | | | MID | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 |
| HIGH | | | 64QAM | 21.02 | 21.38 | 20.91 | 22.20 | |
| 8 | | LOW | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 | |
| | | MID | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 | |
| | | HIGH | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 | |
| 15 | | LOW | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dB) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|-------------------|-------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dB) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | | |
| 10 | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 | |
| | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 | |
| | | HIGH | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

| LTE B5-Level6-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|-------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20407 | 20525 | 20643 | Tune-up power(dB) | |
| 1.4 | 1 | LOW | QPSK | 22.71 | 22.79 | 22.75 | 24.20 | |
| | | MID | QPSK | 22.90 | 22.89 | 22.97 | 24.20 | |
| | | HIGH | QPSK | 22.72 | 22.74 | 22.75 | 24.20 | |
| | 3 | LOW | QPSK | 22.84 | 22.80 | 22.90 | 24.20 | |
| | | MID | QPSK | 22.84 | 22.84 | 22.94 | 24.20 | |
| | | HIGH | QPSK | 22.82 | 22.91 | 22.96 | 24.20 | |
| | 6 | LOW | QPSK | 21.80 | 21.89 | 21.84 | 23.20 | |
| | 1.4 | 1 | LOW | Q16 | 21.93 | 22.27 | 21.84 | 23.20 |
| | | | MID | Q16 | 22.07 | 22.39 | 21.97 | 23.20 |
| HIGH | | | Q16 | 21.87 | 22.25 | 21.84 | 23.20 | |
| 3 | | LOW | Q16 | 21.95 | 22.16 | 22.04 | 23.20 | |
| | | MID | Q16 | 21.96 | 22.15 | 22.08 | 23.20 | |
| | | HIGH | Q16 | 22.05 | 22.14 | 22.02 | 23.20 | |
| 6 | | LOW | Q16 | 20.96 | 20.83 | 21.07 | 22.20 | |
| 1.4 | | 1 | LOW | 64QAM | 21.00 | 21.17 | 20.95 | 22.20 |
| | | | MID | 64QAM | 21.07 | 21.43 | 20.86 | 22.20 |
| | HIGH | | 64QAM | 20.87 | 21.28 | 20.76 | 22.20 | |
| | 3 | LOW | 64QAM | 20.92 | 21.06 | 20.90 | 22.20 | |
| | | MID | 64QAM | 20.86 | 21.16 | 21.00 | 22.20 | |
| | | HIGH | 64QAM | 21.10 | 21.18 | 21.04 | 22.20 | |
| | 6 | LOW | 64QAM | 19.90 | 19.83 | 19.95 | 21.20 | |
| | 3 | 1 | LOW | QPSK | 22.96 | 22.80 | 22.73 | 24.20 |
| | | | MID | QPSK | 23.00 | 23.17 | 23.04 | 24.20 |
| HIGH | | | QPSK | 22.71 | 22.88 | 22.83 | 24.20 | |
| 8 | | LOW | QPSK | 22.06 | 21.96 | 22.09 | 23.20 | |
| | | MID | QPSK | 22.12 | 21.98 | 22.14 | 23.20 | |
| | | HIGH | QPSK | 22.08 | 21.85 | 22.00 | 23.20 | |
| 15 | | LOW | QPSK | 21.88 | 21.90 | 22.09 | 23.20 | |
| 3 | | 1 | LOW | Q16 | 21.96 | 22.29 | 22.09 | 23.20 |
| | | | MID | Q16 | 22.04 | 22.59 | 22.02 | 23.20 |
| | HIGH | | Q16 | 21.79 | 22.16 | 21.90 | 23.20 | |
| | 8 | LOW | Q16 | 20.94 | 21.20 | 20.99 | 22.20 | |
| | | MID | Q16 | 21.08 | 20.98 | 21.17 | 22.20 | |
| | | HIGH | Q16 | 21.08 | 21.12 | 21.09 | 22.20 | |
| | 15 | LOW | Q16 | 21.10 | 21.13 | 21.10 | 22.20 | |
| | 3 | 1 | LOW | 64QAM | 20.95 | 21.14 | 21.04 | 22.20 |
| | | | MID | 64QAM | 21.05 | 21.49 | 21.18 | 22.20 |
| HIGH | | | 64QAM | 21.02 | 21.38 | 20.91 | 22.20 | |
| 8 | | LOW | 64QAM | 19.81 | 20.08 | 20.01 | 21.20 | |
| | | MID | 64QAM | 20.14 | 20.03 | 20.08 | 21.20 | |
| | | HIGH | 64QAM | 19.89 | 20.16 | 19.92 | 21.20 | |
| 15 | | LOW | 64QAM | 19.99 | 20.01 | 19.92 | 21.20 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20425 | 20525 | 20625 | Tune-up power(dB) | |
|-----------------|-----------------|-----------|------------|------------|-------|--------------|-------------------|-------------------|
| 5 | 1 | LOW | QPSK | 22.72 | 22.99 | 22.90 | 24.20 | |
| | | MID | QPSK | 23.08 | 23.11 | 23.01 | 24.20 | |
| | | HIGH | QPSK | 22.70 | 22.99 | 22.80 | 24.20 | |
| | 12 | LOW | QPSK | 21.99 | 21.88 | 21.91 | 23.20 | |
| | | MID | QPSK | 21.96 | 22.04 | 22.13 | 23.20 | |
| | | HIGH | QPSK | 22.03 | 22.08 | 21.86 | 23.20 | |
| | 25 | LOW | QPSK | 21.93 | 22.05 | 21.90 | 23.20 | |
| | 5 | 1 | LOW | Q16 | 21.73 | 22.18 | 22.08 | 23.20 |
| | | | MID | Q16 | 22.09 | 22.36 | 22.18 | 23.20 |
| HIGH | | | Q16 | 21.90 | 22.30 | 22.03 | 23.20 | |
| 12 | | LOW | Q16 | 20.99 | 20.99 | 21.11 | 22.20 | |
| | | MID | Q16 | 20.95 | 21.07 | 20.94 | 22.20 | |
| | | HIGH | Q16 | 21.12 | 21.07 | 21.18 | 22.20 | |
| 25 | | LOW | Q16 | 21.10 | 20.97 | 21.00 | 22.20 | |
| 5 | | 1 | LOW | 64QAM | 20.87 | 21.29 | 20.93 | 22.20 |
| | | | MID | 64QAM | 21.18 | 21.38 | 21.27 | 22.20 |
| | HIGH | | 64QAM | 20.89 | 21.21 | 20.97 | 22.20 | |
| | 12 | LOW | 64QAM | 20.01 | 19.98 | 20.17 | 21.20 | |
| | | MID | 64QAM | 20.00 | 20.00 | 20.02 | 21.20 | |
| | | HIGH | 64QAM | 20.11 | 19.89 | 19.92 | 21.20 | |
| | 25 | LOW | 64QAM | 19.95 | 19.90 | 19.98 | 21.20 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20450 | 20525 | 20600 | Tune-up power(dB) |
| | 10 | 1 | LOW | QPSK | 22.86 | 22.87 | 22.81 | 24.20 |
| MID | | | QPSK | 22.98 | 23.03 | 23.10 | 24.20 | |
| HIGH | | | QPSK | 22.84 | 22.85 | 22.87 | 24.20 | |
| 25 | | LOW | QPSK | 21.92 | 22.01 | 21.99 | 23.20 | |
| | | MID | QPSK | 21.98 | 22.00 | 21.99 | 23.20 | |
| | | HIGH | QPSK | 21.99 | 21.99 | 21.92 | 23.20 | |
| 50 | | LOW | QPSK | 21.95 | 21.98 | 21.97 | 23.20 | |
| 10 | | 1 | LOW | Q16 | 21.83 | 22.27 | 21.95 | 23.20 |
| | | | MID | Q16 | 22.05 | 22.44 | 22.14 | 23.20 |
| | HIGH | | Q16 | 21.88 | 22.30 | 21.91 | 23.20 | |
| | 25 | LOW | Q16 | 20.96 | 21.06 | 21.10 | 22.20 | |
| | | MID | Q16 | 21.03 | 21.03 | 21.08 | 22.20 | |
| | | HIGH | Q16 | 21.04 | 21.01 | 21.07 | 22.20 | |
| | 50 | LOW | Q16 | 20.96 | 21.02 | 21.02 | 22.20 | |
| | 10 | 1 | LOW | 64QAM | 20.88 | 21.24 | 21.10 | 22.20 |
| | | | MID | 64QAM | 21.00 | 21.54 | 21.24 | 22.20 |
| HIGH | | | 64QAM | 20.92 | 21.26 | 20.81 | 22.20 | |
| 25 | | LOW | 64QAM | 20.07 | 19.91 | 20.08 | 21.20 | |
| | | MID | 64QAM | 19.97 | 20.08 | 20.16 | 21.20 | |
| | | HIGH | 64QAM | 19.96 | 20.03 | 19.99 | 21.20 | |
| 50 | | LOW | 64QAM | 19.84 | 19.87 | 19.88 | 21.20 | |

8.3.2 LTE Band7 Output Power

| LTE B7-Level1-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| 10 | 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 |
| | | | MID | QPSK | 22.71 | 22.83 | 22.74 | 23.50 |
| | | | HIGH | QPSK | 22.21 | 22.21 | 22.32 | 23.50 |
| | | 25 | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 |
| | | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 |
| | | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 |
| | 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | |
| | 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 |
| | | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 |
| | | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 |
| | | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 |
| | | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 |
| | | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 |
| | 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 |
| MID | | | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 | |
| HIGH | | | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| 25 | | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| 50 | | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

| LTE B7-Level2-Down | | | | | | | | |
|--------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 |
| MID | | | QPSK | 22.71 | 22.83 | 22.74 | 23.50 | |
| HIGH | | | QPSK | 22.21 | 22.21 | 22.32 | 23.50 | |
| 25 | | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 | |
| 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 | |
| | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 | |
| | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 | |
| | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 | |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 | |
| 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 | |
| | | MID | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 | |
| | | HIGH | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| | 25 | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| | 50 | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

| LTE B7-Level3-Down | | | | | | | | |
|--------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 |
| MID | | | QPSK | 22.71 | 22.83 | 22.74 | 23.50 | |
| HIGH | | | QPSK | 22.21 | 22.21 | 22.32 | 23.50 | |
| 25 | | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 | |
| 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 | |
| | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 | |
| | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 | |
| | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 | |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 | |
| | 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 |
| | | | MID | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 |
| HIGH | | | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| 25 | | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| 50 | | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

| LTE B7-Level4-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 | |
| | | MID | QPSK | 22.71 | 22.83 | 22.74 | 23.50 | |
| | | HIGH | QPSK | 22.21 | 22.21 | 22.32 | 23.50 | |
| | 25 | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 | |
| 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 | |
| | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 | |
| | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 | |
| | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 | |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 | |
| 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 | |
| | | MID | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 | |
| | | HIGH | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| | 25 | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| | 50 | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

| LTE B7-Level5-Down | | | | | | | | |
|--------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 |
| MID | | | QPSK | 22.71 | 22.83 | 22.74 | 23.50 | |
| HIGH | | | QPSK | 22.21 | 22.21 | 22.32 | 23.50 | |
| 25 | | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 | |
| 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 | |
| | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 | |
| | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 | |
| | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 | |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 | |
| | 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | |
| | 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 |
| | | | MID | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 |
| HIGH | | | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| 25 | | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| 50 | | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

| LTE B7-Level6-Down | | | | | | | | |
|--------------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| Bandwidth (| RB Size | RB offset | Modulation | 20775 | 21100 | 21425 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.32 | 22.37 | 22.35 | 23.50 | |
| | | MID | QPSK | 22.72 | 22.60 | 22.67 | 23.50 | |
| | | HIGH | QPSK | 22.31 | 22.20 | 22.14 | 23.50 | |
| | 12 | LOW | QPSK | 21.52 | 21.61 | 21.72 | 22.50 | |
| | | MID | QPSK | 21.63 | 21.67 | 21.80 | 22.50 | |
| | | HIGH | QPSK | 21.47 | 21.47 | 21.50 | 22.50 | |
| | 25 | LOW | QPSK | 21.60 | 21.50 | 21.70 | 22.50 | |
| | 5 | 1 | LOW | Q16 | 21.65 | 21.63 | 21.56 | 22.50 |
| | | | MID | Q16 | 22.29 | 22.14 | 21.99 | 22.50 |
| HIGH | | | Q16 | 21.65 | 21.75 | 21.83 | 22.50 | |
| 12 | | LOW | Q16 | 20.53 | 20.53 | 20.73 | 21.50 | |
| | | MID | Q16 | 20.62 | 20.51 | 20.66 | 21.50 | |
| | | HIGH | Q16 | 20.59 | 20.47 | 20.63 | 21.50 | |
| 25 | | LOW | Q16 | 20.71 | 20.57 | 20.68 | 21.50 | |
| 5 | | 1 | LOW | 64QAM | 20.65 | 20.69 | 20.57 | 21.50 |
| | | | MID | 64QAM | 21.05 | 21.05 | 21.22 | 21.50 |
| | HIGH | | 64QAM | 20.72 | 20.90 | 20.76 | 21.50 | |
| | 12 | LOW | 64QAM | 19.57 | 19.63 | 19.56 | 20.50 | |
| | | MID | 64QAM | 19.66 | 19.67 | 19.71 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.54 | 19.67 | 20.50 | |
| | 25 | LOW | 64QAM | 19.68 | 19.43 | 19.77 | 20.50 | |
| Bandwidth (| RB Size | RB offset | Modulation | 20800 | 21100 | 21400 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.10 | 22.36 | 22.10 | 23.50 | |
| | | MID | QPSK | 22.71 | 22.83 | 22.74 | 23.50 | |
| | | HIGH | QPSK | 22.21 | 22.21 | 22.32 | 23.50 | |
| | 25 | LOW | QPSK | 21.41 | 21.69 | 21.65 | 22.50 | |
| | | MID | QPSK | 21.66 | 21.62 | 21.75 | 22.50 | |
| | | HIGH | QPSK | 21.74 | 21.67 | 21.56 | 22.50 | |
| 50 | LOW | QPSK | 21.44 | 21.39 | 21.60 | 22.50 | | |
| 10 | 1 | LOW | Q16 | 21.69 | 21.82 | 21.57 | 22.50 | |
| | | MID | Q16 | 22.06 | 22.22 | 22.09 | 22.50 | |
| | | HIGH | Q16 | 21.69 | 21.90 | 21.66 | 22.50 | |
| | 25 | LOW | Q16 | 20.57 | 20.75 | 20.49 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.57 | 20.78 | 21.50 | |
| | | HIGH | Q16 | 20.69 | 20.46 | 20.58 | 21.50 | |
| 50 | LOW | Q16 | 20.44 | 20.56 | 20.65 | 21.50 | | |
| 10 | 1 | LOW | 64QAM | 20.87 | 20.66 | 20.82 | 21.50 | |
| | | MID | 64QAM | 21.07 | 21.11 | 21.09 | 21.50 | |
| | | HIGH | 64QAM | 20.63 | 20.79 | 20.76 | 21.50 | |
| | 25 | LOW | 64QAM | 19.65 | 19.63 | 19.66 | 20.50 | |
| | | MID | 64QAM | 19.49 | 19.52 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.66 | 19.62 | 19.81 | 20.50 | |
| | 50 | LOW | 64QAM | 19.41 | 19.51 | 19.78 | 20.50 | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 20825 | 21100 | 21375 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|--------------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.26 | 22.37 | 22.36 | 23.50 | |
| | | MID | QPSK | 22.66 | 22.75 | 22.84 | 23.50 | |
| | | HIGH | QPSK | 22.14 | 22.32 | 22.22 | 23.50 | |
| | 36 | LOW | QPSK | 21.43 | 21.66 | 21.60 | 22.50 | |
| | | MID | QPSK | 21.61 | 21.69 | 21.81 | 22.50 | |
| | | HIGH | QPSK | 21.44 | 21.50 | 21.48 | 22.50 | |
| | 75 | LOW | QPSK | 21.45 | 21.68 | 21.73 | 22.50 | |
| | 15 | 1 | LOW | Q16 | 21.87 | 21.72 | 21.79 | 22.50 |
| | | | MID | Q16 | 22.05 | 22.27 | 22.22 | 22.50 |
| HIGH | | | Q16 | 21.67 | 21.80 | 21.80 | 22.50 | |
| 36 | | LOW | Q16 | 20.37 | 20.56 | 20.74 | 21.50 | |
| | | MID | Q16 | 20.67 | 20.61 | 20.75 | 21.50 | |
| | | HIGH | Q16 | 20.61 | 20.67 | 20.67 | 21.50 | |
| 75 | | LOW | Q16 | 20.56 | 20.55 | 20.60 | 21.50 | |
| 15 | | 1 | LOW | 64QAM | 20.62 | 20.69 | 20.68 | 21.50 |
| | | | MID | 64QAM | 21.09 | 20.99 | 20.97 | 21.50 |
| | HIGH | | 64QAM | 20.80 | 20.85 | 20.70 | 21.50 | |
| | 36 | LOW | 64QAM | 19.64 | 19.58 | 19.44 | 20.50 | |
| | | MID | 64QAM | 19.60 | 19.61 | 19.70 | 20.50 | |
| | | HIGH | 64QAM | 19.77 | 19.65 | 19.74 | 20.50 | |
| | 75 | LOW | 64QAM | 19.41 | 19.71 | 19.82 | 20.50 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 20850 | 21100 | 21350 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.20 | 22.25 | 22.24 | 23.50 |
| MID | | | QPSK | 22.68 | 22.71 | 22.71 | 23.50 | |
| HIGH | | | QPSK | 22.18 | 22.35 | 22.28 | 23.50 | |
| 50 | | LOW | QPSK | 21.42 | 21.60 | 21.59 | 22.50 | |
| | | MID | QPSK | 21.56 | 21.61 | 21.66 | 22.50 | |
| | | HIGH | QPSK | 21.59 | 21.55 | 21.62 | 22.50 | |
| 100 | | LOW | QPSK | 21.57 | 21.54 | 21.66 | 22.50 | |
| 20 | | 1 | LOW | Q16 | 21.73 | 21.72 | 21.67 | 22.50 |
| | | | MID | Q16 | 22.16 | 22.14 | 22.12 | 22.50 |
| | HIGH | | Q16 | 21.78 | 21.77 | 21.75 | 22.50 | |
| | 50 | LOW | Q16 | 20.51 | 20.63 | 20.59 | 21.50 | |
| | | MID | Q16 | 20.59 | 20.66 | 20.67 | 21.50 | |
| | | HIGH | Q16 | 20.66 | 20.60 | 20.68 | 21.50 | |
| | 100 | LOW | Q16 | 20.56 | 20.57 | 20.68 | 21.50 | |
| | 20 | 1 | LOW | 64QAM | 20.79 | 20.87 | 20.74 | 21.50 |
| | | | MID | 64QAM | 21.13 | 21.01 | 21.15 | 21.50 |
| HIGH | | | 64QAM | 20.76 | 20.87 | 20.84 | 21.50 | |
| 50 | | LOW | 64QAM | 19.53 | 19.51 | 19.47 | 20.50 | |
| | | MID | 64QAM | 19.65 | 19.54 | 19.76 | 20.50 | |
| | | HIGH | 64QAM | 19.67 | 19.46 | 19.58 | 20.50 | |
| 100 | | LOW | 64QAM | 19.67 | 19.49 | 19.72 | 20.50 | |

8.3.3 LTE Band38 Output Power

| LTE B38-Level1-Down | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 |
| MID | | | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| 25 | | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | |
| 10 | | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 |
| | | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 |
| | HIGH | | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| | 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | |
| | 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 |
| HIGH | | | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| 25 | | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| 50 | | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

LTE B38-Level2-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 | |
| | | MID | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| | 25 | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | | |
| 10 | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 | |
| | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 | |
| | | HIGH | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | | |
| 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 | |
| | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 | |
| | | HIGH | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| | 50 | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

| LTE B38-Level3-Down | | | | | | | | |
|---------------------|-----------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 |
| MID | | | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| 25 | | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | | |
| 10 | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 | |
| | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 | |
| | | HIGH | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| | 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | |
| | 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 |
| HIGH | | | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| 25 | | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| 50 | | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

| LTE B38-Level4-Down | | | | | | | | |
|---------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 |
| MID | | | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| 25 | | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | | |
| 10 | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 | |
| | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 | |
| | | HIGH | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| | 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | |
| | 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 |
| HIGH | | | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| 25 | | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| 50 | | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

| LTE B38-Level5-Down | | | | | | | | |
|---------------------|-------------|-----------|------------|------------|-------|-------|--------------------|--------------------|
| Bandwidth (| RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) |
| | 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 |
| MID | | | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| 25 | | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | | |
| 10 | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 | |
| | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 | |
| | | HIGH | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | | |
| 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 | |
| | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 | |
| | | HIGH | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| 50 | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

LTE B38-Level6-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37775 | 38000 | 38225 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 22.78 | 22.70 | 22.90 | 24.00 | |
| | | MID | QPSK | 23.14 | 23.27 | 23.41 | 24.00 | |
| | | HIGH | QPSK | 22.70 | 22.84 | 23.02 | 24.00 | |
| | 12 | LOW | QPSK | 22.05 | 22.11 | 22.10 | 23.00 | |
| | | MID | QPSK | 22.10 | 22.04 | 22.11 | 23.00 | |
| | | HIGH | QPSK | 22.21 | 22.16 | 22.03 | 23.00 | |
| | 25 | LOW | QPSK | 22.21 | 21.97 | 22.16 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.23 | 22.07 | 22.09 | 23.00 |
| | | | MID | Q16 | 22.68 | 22.51 | 22.72 | 23.00 |
| HIGH | | | Q16 | 22.19 | 21.91 | 22.18 | 23.00 | |
| 12 | | LOW | Q16 | 20.94 | 20.94 | 21.24 | 22.00 | |
| | | MID | Q16 | 21.20 | 21.26 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.01 | 21.04 | 21.06 | 22.00 | |
| 25 | | LOW | Q16 | 21.11 | 20.96 | 21.20 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.10 | 20.94 | 21.30 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.36 | 21.69 | 22.00 |
| | HIGH | | 64QAM | 21.14 | 20.90 | 21.36 | 22.00 | |
| | 12 | LOW | 64QAM | 20.11 | 20.16 | 20.21 | 21.00 | |
| | | MID | 64QAM | 20.06 | 20.18 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 19.97 | 20.10 | 20.01 | 21.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.22 | 20.00 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 37800 | 38000 | 38200 | Tune-up power(dBm) | |
| 10 | 1 | LOW | QPSK | 22.87 | 22.71 | 22.89 | 24.00 | |
| | | MID | QPSK | 23.19 | 23.37 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.96 | 22.87 | 23.03 | 24.00 | |
| | 25 | LOW | QPSK | 22.17 | 22.10 | 22.08 | 23.00 | |
| | | MID | QPSK | 22.10 | 21.97 | 21.94 | 23.00 | |
| | | HIGH | QPSK | 21.96 | 22.10 | 22.15 | 23.00 | |
| 50 | LOW | QPSK | 22.19 | 22.08 | 22.19 | 23.00 | | |
| 10 | 1 | LOW | Q16 | 22.05 | 21.96 | 22.20 | 23.00 | |
| | | MID | Q16 | 22.52 | 22.49 | 22.74 | 23.00 | |
| | | HIGH | Q16 | 22.22 | 22.15 | 22.17 | 23.00 | |
| | 25 | LOW | Q16 | 21.10 | 21.13 | 21.08 | 22.00 | |
| | | MID | Q16 | 21.04 | 21.20 | 21.08 | 22.00 | |
| | | HIGH | Q16 | 20.91 | 21.16 | 20.98 | 22.00 | |
| 50 | LOW | Q16 | 20.95 | 21.03 | 21.15 | 22.00 | | |
| 10 | 1 | LOW | 64QAM | 21.13 | 21.08 | 21.23 | 22.00 | |
| | | MID | 64QAM | 21.47 | 21.62 | 21.66 | 22.00 | |
| | | HIGH | 64QAM | 21.26 | 21.11 | 21.25 | 22.00 | |
| | 25 | LOW | 64QAM | 20.17 | 20.21 | 20.07 | 21.00 | |
| | | MID | 64QAM | 20.16 | 20.01 | 20.08 | 21.00 | |
| | | HIGH | 64QAM | 20.00 | 20.07 | 20.04 | 21.00 | |
| | 50 | LOW | 64QAM | 20.18 | 20.04 | 20.08 | 21.00 | |

| Bandwidth (| RB Size | RB offset | Modulation | 37825 | 38000 | 38175 | Tune-up power(dBm) | |
|-------------|-------------|-----------|------------|--------------|-------|-------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 22.89 | 22.79 | 22.97 | 24.00 | |
| | | MID | QPSK | 23.25 | 23.32 | 23.25 | 24.00 | |
| | | HIGH | QPSK | 22.85 | 22.68 | 22.90 | 24.00 | |
| | 36 | LOW | QPSK | 22.16 | 22.20 | 22.06 | 23.00 | |
| | | MID | QPSK | 21.94 | 21.96 | 22.09 | 23.00 | |
| | | HIGH | QPSK | 21.98 | 22.09 | 22.11 | 23.00 | |
| | 75 | LOW | QPSK | 22.12 | 22.25 | 22.05 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.22 | 22.08 | 22.11 | 23.00 |
| | | | MID | Q16 | 22.49 | 22.57 | 22.62 | 23.00 |
| HIGH | | | Q16 | 21.99 | 22.03 | 22.34 | 23.00 | |
| 36 | | LOW | Q16 | 21.05 | 21.13 | 21.16 | 22.00 | |
| | | MID | Q16 | 21.19 | 21.00 | 21.32 | 22.00 | |
| | | HIGH | Q16 | 21.06 | 20.99 | 20.99 | 22.00 | |
| 75 | | LOW | Q16 | 21.19 | 21.00 | 20.99 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.06 | 21.05 | 21.27 | 22.00 |
| | | | MID | 64QAM | 21.68 | 21.49 | 21.84 | 22.00 |
| | HIGH | | 64QAM | 21.15 | 20.88 | 21.33 | 22.00 | |
| | 36 | LOW | 64QAM | 19.93 | 20.19 | 19.94 | 21.00 | |
| | | MID | 64QAM | 20.09 | 19.99 | 20.32 | 21.00 | |
| | | HIGH | 64QAM | 20.04 | 20.22 | 20.09 | 21.00 | |
| | 75 | LOW | 64QAM | 20.04 | 20.06 | 19.98 | 21.00 | |
| | Bandwidth (| RB Size | RB offset | Modulation | 37850 | 38000 | 38150 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.81 | 22.80 | 22.86 | 24.00 |
| MID | | | QPSK | 23.28 | 23.27 | 23.25 | 24.00 | |
| HIGH | | | QPSK | 22.82 | 22.79 | 22.89 | 24.00 | |
| 50 | | LOW | QPSK | 22.04 | 22.07 | 22.05 | 23.00 | |
| | | MID | QPSK | 22.09 | 22.11 | 22.12 | 23.00 | |
| | | HIGH | QPSK | 22.08 | 22.09 | 22.09 | 23.00 | |
| 100 | | LOW | QPSK | 22.10 | 22.12 | 22.04 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.13 | 22.03 | 22.22 | 23.00 |
| | | | MID | Q16 | 22.57 | 22.50 | 22.69 | 23.00 |
| | HIGH | | Q16 | 22.13 | 22.02 | 22.27 | 23.00 | |
| | 50 | LOW | Q16 | 21.04 | 21.08 | 21.09 | 22.00 | |
| | | MID | Q16 | 21.06 | 21.14 | 21.17 | 22.00 | |
| | | HIGH | Q16 | 21.04 | 21.13 | 21.10 | 22.00 | |
| | 100 | LOW | Q16 | 21.08 | 21.10 | 21.13 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.19 | 21.07 | 21.16 | 22.00 |
| | | | MID | 64QAM | 21.51 | 21.52 | 21.77 | 22.00 |
| HIGH | | | 64QAM | 21.07 | 20.91 | 21.28 | 22.00 | |
| 50 | | LOW | 64QAM | 20.17 | 20.13 | 20.12 | 21.00 | |
| | | MID | 64QAM | 19.98 | 20.26 | 20.21 | 21.00 | |
| | | HIGH | 64QAM | 20.13 | 20.00 | 20.13 | 21.00 | |
| 100 | | LOW | 64QAM | 20.21 | 20.08 | 20.28 | 21.00 | |

8.3.4 LTE Band41 Output Power

| LTE B41-Level1-Down | | | | | | | | | | |
|---------------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|--------------|--------------------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 |
| 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | |
| 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 |
| | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 |
| | | HIGH | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 |
| | 36 | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 |
| 75 | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | |
| 15 | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 |
| | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 |
| | | HIGH | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 |
| 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| | | MID | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 |
| | | HIGH | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 |
| | 50 | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 |
| | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 |
| 100 | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | | HIGH | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 |
| | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 |
| | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 |
| | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 |
| 100 | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | |
| 20 | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 |
| | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 |
| | | HIGH | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 |
| | 50 | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 |
| | | MID | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 |
| | | HIGH | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 |
| 100 | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | |

LTE B41-Level2-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | |
|-----------------|-----------------|-----------|------------|------------|-------|-------|-------|--------------|--------------------|--------------------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 | |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 | |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 | |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 | |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 | |
| | 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | |
| | 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 |
| | | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 |
| HIGH | | | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 | |
| 36 | | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 | |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 | |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 | |
| 75 | | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | |
| 15 | | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 |
| | | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 |
| | HIGH | | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 | |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 | |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 | |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 | |
| | 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | |
| | Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| | 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| MID | | | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 | |
| HIGH | | | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 | |
| 50 | | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 | |
| | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 | |
| 100 | | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | HIGH | | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 | |
| | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 | |
| | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 | |
| | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 | |
| | 100 | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | |
| | 20 | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 |
| | | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 |
| HIGH | | | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 | |
| 50 | | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 | |
| | | MID | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 | |
| | | HIGH | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 | |
| 100 | | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | |

LTE B41-Level3-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|--------------|-------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 | | |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 | | |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 | | |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 | | |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 | | |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 | | |
| | 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | | |
| | 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 | |
| | | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 | |
| HIGH | | | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 | | |
| 36 | | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 | | |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 | | |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 | | |
| 75 | | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | | |
| 15 | | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 | |
| | | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 | |
| | HIGH | | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 | | |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 | | |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 | | |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 | | |
| | 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | | |
| | 20 | 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| | | | | MID | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 |
| HIGH | | | | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 | |
| 50 | | | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 | |
| | | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 | |
| | | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 | |
| 100 | | | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | | | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | | HIGH | | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 | |
| | | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 | |
| | | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 | |
| | | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 | |
| 100 | | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | | |
| 20 | | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 | |
| | | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 | |
| | | | HIGH | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 | |
| | | 50 | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 | |
| | MID | | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 | | |
| | HIGH | | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 | | |
| | 100 | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | | |

LTE B41-Level4-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|--------------|--------------------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 |
| 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | |
| 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 |
| | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 |
| | | HIGH | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 |
| | 36 | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 |
| 75 | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | |
| 15 | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 |
| | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 |
| | | HIGH | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 |
| 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| | | MID | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 |
| | | HIGH | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 |
| | 50 | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 |
| | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 |
| 100 | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | | HIGH | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 |
| | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 |
| | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 |
| | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 |
| 100 | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | |
| 20 | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 |
| | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 |
| | | HIGH | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 |
| | 50 | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 |
| | | MID | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 |
| | | HIGH | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 |
| 100 | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | |

LTE B41-Level5-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|--------------|--------------------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 |
| 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | |
| 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 |
| | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 |
| | | HIGH | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 |
| | 36 | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 |
| 75 | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | |
| 15 | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 |
| | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 |
| | | HIGH | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 |
| 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | |
| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39750 | 40185 | 40620 | 41055 | 41490 | Tune-up power(dBm) |
| 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| | | MID | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 |
| | | HIGH | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 |
| | 50 | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 |
| | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 |
| | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 |
| 100 | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | | HIGH | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 |
| | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 |
| | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 |
| | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 |
| 100 | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | |
| 20 | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 |
| | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 |
| | | HIGH | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 |
| | 50 | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 |
| | | MID | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 |
| | | HIGH | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 |
| 100 | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | |

LTE B41-Level6-Down

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39675 | 40110 | 40620 | 41130 | 41565 | Tune-up power(dBm) | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|-------|
| 5 | 1 | LOW | QPSK | 23.17 | 23.23 | 23.25 | 23.29 | 23.41 | 24.00 | |
| | | MID | QPSK | 23.28 | 23.31 | 23.38 | 23.37 | 23.54 | 24.00 | |
| | | HIGH | QPSK | 23.18 | 23.20 | 23.25 | 23.29 | 23.44 | 24.00 | |
| | 12 | LOW | QPSK | 22.14 | 22.21 | 22.35 | 22.32 | 22.46 | 23.00 | |
| | | MID | QPSK | 22.25 | 22.30 | 22.34 | 22.36 | 22.52 | 23.00 | |
| | | HIGH | QPSK | 22.19 | 22.18 | 22.34 | 22.34 | 22.43 | 23.00 | |
| | 25 | LOW | QPSK | 22.18 | 22.19 | 22.25 | 22.34 | 22.45 | 23.00 | |
| | 5 | 1 | LOW | Q16 | 22.34 | 22.45 | 22.51 | 22.46 | 22.77 | 23.00 |
| | | | MID | Q16 | 22.48 | 22.56 | 22.61 | 22.57 | 22.86 | 23.00 |
| HIGH | | | Q16 | 22.38 | 22.47 | 22.52 | 22.48 | 22.77 | 23.00 | |
| 12 | | LOW | Q16 | 21.20 | 21.17 | 21.27 | 21.33 | 21.53 | 22.00 | |
| | | MID | Q16 | 21.28 | 21.29 | 21.41 | 21.42 | 21.55 | 22.00 | |
| | | HIGH | Q16 | 21.23 | 21.23 | 21.34 | 21.41 | 21.51 | 22.00 | |
| 25 | | LOW | Q16 | 21.21 | 21.24 | 21.33 | 21.36 | 21.45 | 22.00 | |
| 5 | | 1 | LOW | 64QAM | 21.37 | 21.41 | 21.47 | 21.32 | 21.80 | 22.00 |
| | | | MID | 64QAM | 21.47 | 21.44 | 21.66 | 21.64 | 21.75 | 22.00 |
| | HIGH | | 64QAM | 21.48 | 21.38 | 21.58 | 21.35 | 21.85 | 22.00 | |
| | 12 | LOW | 64QAM | 20.06 | 20.21 | 20.35 | 20.37 | 20.56 | 21.00 | |
| | | MID | 64QAM | 20.40 | 20.15 | 20.50 | 20.30 | 20.56 | 21.00 | |
| | | HIGH | 64QAM | 20.16 | 20.19 | 20.33 | 20.43 | 20.51 | 21.00 | |
| | 25 | LOW | 64QAM | 20.26 | 20.32 | 20.42 | 20.26 | 20.57 | 21.00 | |
| | 10 | 1 | LOW | QPSK | 23.23 | 23.22 | 23.35 | 23.37 | 23.48 | 24.00 |
| | | | MID | QPSK | 23.49 | 23.53 | 23.61 | 23.64 | 23.80 | 24.00 |
| HIGH | | | QPSK | 23.25 | 23.28 | 23.37 | 23.42 | 23.51 | 24.00 | |
| LOW | | | QPSK | 22.18 | 22.22 | 22.35 | 22.42 | 22.50 | 23.00 | |
| MID | | | QPSK | 22.22 | 22.23 | 22.32 | 22.37 | 22.48 | 23.00 | |
| HIGH | | | QPSK | 22.22 | 22.27 | 22.39 | 22.41 | 22.49 | 23.00 | |
| 25 | | LOW | QPSK | 22.19 | 22.24 | 22.29 | 22.37 | 22.46 | 23.00 | |
| | | LOW | Q16 | 22.47 | 22.51 | 22.71 | 22.68 | 22.79 | 23.00 | |
| | | MID | Q16 | 22.73 | 22.79 | 22.99 | 22.99 | 22.94 | 23.00 | |
| | | HIGH | Q16 | 22.48 | 22.53 | 22.73 | 22.75 | 22.85 | 23.00 | |
| | | LOW | Q16 | 21.19 | 21.28 | 21.38 | 21.45 | 21.51 | 22.00 | |
| | | MID | Q16 | 21.26 | 21.29 | 21.34 | 21.42 | 21.52 | 22.00 | |
| 50 | | HIGH | Q16 | 21.27 | 21.32 | 21.43 | 21.45 | 21.50 | 22.00 | |
| | | LOW | Q16 | 21.23 | 21.26 | 21.41 | 21.45 | 21.51 | 22.00 | |
| | | 1 | LOW | 64QAM | 21.26 | 21.57 | 21.39 | 21.53 | 21.68 | 22.00 |
| | | | MID | 64QAM | 21.61 | 21.77 | 21.53 | 21.98 | 21.82 | 22.00 |
| | | | HIGH | 64QAM | 21.41 | 21.42 | 21.62 | 21.84 | 21.71 | 22.00 |
| | | 25 | LOW | 64QAM | 20.18 | 20.30 | 20.18 | 20.42 | 20.44 | 21.00 |
| MID | 64QAM | | 20.20 | 20.22 | 20.40 | 20.54 | 20.45 | 21.00 | | |
| HIGH | 64QAM | | 20.34 | 20.45 | 20.22 | 20.53 | 20.62 | 21.00 | | |
| 50 | LOW | 64QAM | 20.19 | 20.22 | 20.25 | 20.46 | 20.58 | 21.00 | | |

| Bandwidth (MHz) | RB Size | RB offset | Modulation | 39725 | 40160 | 40620 | 41080 | 41515 | Tune-up power(dBm) | | |
|-----------------|---------|-----------|------------|-------|-------|-------|-------|-------|--------------------|--------------|-------|
| 15 | 1 | LOW | QPSK | 23.15 | 23.19 | 23.26 | 23.29 | 23.39 | 24.00 | | |
| | | MID | QPSK | 23.31 | 23.33 | 23.39 | 23.45 | 23.53 | 24.00 | | |
| | | HIGH | QPSK | 23.15 | 23.17 | 23.23 | 23.33 | 23.41 | 24.00 | | |
| | 36 | LOW | QPSK | 22.21 | 22.25 | 22.34 | 22.44 | 22.49 | 23.00 | | |
| | | MID | QPSK | 22.25 | 22.31 | 22.43 | 22.43 | 22.56 | 23.00 | | |
| | | HIGH | QPSK | 22.28 | 22.32 | 22.32 | 22.43 | 22.51 | 23.00 | | |
| | 75 | LOW | QPSK | 22.24 | 22.28 | 22.39 | 22.43 | 22.53 | 23.00 | | |
| | 15 | 1 | LOW | Q16 | 22.37 | 22.43 | 22.70 | 22.56 | 22.70 | 23.00 | |
| | | | MID | Q16 | 22.53 | 22.60 | 22.79 | 22.72 | 22.80 | 23.00 | |
| HIGH | | | Q16 | 22.39 | 22.42 | 22.63 | 22.57 | 22.67 | 23.00 | | |
| 36 | | LOW | Q16 | 21.20 | 21.22 | 21.37 | 21.43 | 21.47 | 22.00 | | |
| | | MID | Q16 | 21.24 | 21.28 | 21.22 | 21.41 | 21.53 | 22.00 | | |
| | | HIGH | Q16 | 21.26 | 21.28 | 21.22 | 21.46 | 21.50 | 22.00 | | |
| 75 | | LOW | Q16 | 21.25 | 21.29 | 21.44 | 21.41 | 21.50 | 22.00 | | |
| 15 | | 1 | LOW | 64QAM | 21.27 | 21.30 | 21.74 | 21.68 | 21.55 | 22.00 | |
| | | | MID | 64QAM | 21.41 | 21.54 | 21.86 | 21.72 | 21.87 | 22.00 | |
| | HIGH | | 64QAM | 21.35 | 21.51 | 21.51 | 21.49 | 21.76 | 22.00 | | |
| | 36 | LOW | 64QAM | 20.23 | 20.17 | 20.42 | 20.46 | 20.54 | 21.00 | | |
| | | MID | 64QAM | 20.21 | 20.36 | 20.31 | 20.41 | 20.63 | 21.00 | | |
| | | HIGH | 64QAM | 20.30 | 20.13 | 20.13 | 20.44 | 20.54 | 21.00 | | |
| | 75 | LOW | 64QAM | 20.12 | 20.42 | 20.45 | 20.37 | 20.49 | 21.00 | | |
| | 20 | 20 | 1 | LOW | QPSK | 22.97 | 23.01 | 23.02 | 23.20 | 23.25 | 24.00 |
| | | | | MID | QPSK | 23.54 | 23.53 | 23.59 | 23.67 | 23.81 | 24.00 |
| HIGH | | | | QPSK | 22.97 | 23.00 | 23.01 | 23.18 | 23.31 | 24.00 | |
| 50 | | | LOW | QPSK | 22.16 | 22.22 | 22.29 | 22.35 | 22.42 | 23.00 | |
| | | | MID | QPSK | 22.22 | 22.27 | 22.33 | 22.38 | 22.52 | 23.00 | |
| | | | HIGH | QPSK | 22.28 | 22.26 | 22.34 | 22.33 | 22.43 | 23.00 | |
| 100 | | | LOW | QPSK | 22.20 | 22.21 | 22.28 | 22.37 | 22.46 | 23.00 | |
| 20 | | | 1 | LOW | Q16 | 22.23 | 22.28 | 22.25 | 22.46 | 22.55 | 23.00 |
| | | | | MID | Q16 | 22.78 | 22.80 | 22.75 | 22.98 | 22.94 | 23.00 |
| | | HIGH | | Q16 | 22.28 | 22.26 | 22.23 | 22.49 | 22.63 | 23.00 | |
| | | 50 | LOW | Q16 | 21.18 | 21.24 | 21.34 | 21.45 | 21.48 | 22.00 | |
| | | | MID | Q16 | 21.25 | 21.28 | 21.40 | 21.44 | 21.54 | 22.00 | |
| | | | HIGH | Q16 | 21.31 | 21.25 | 21.36 | 21.40 | 21.49 | 22.00 | |
| | | 100 | LOW | Q16 | 21.22 | 21.25 | 21.32 | 21.40 | 21.48 | 22.00 | |
| | | 20 | 1 | LOW | 64QAM | 21.11 | 21.14 | 21.40 | 21.41 | 21.62 | 22.00 |
| | | | | MID | 64QAM | 21.74 | 21.91 | 21.76 | 21.89 | 22.00 | 22.00 |
| HIGH | | | | 64QAM | 21.19 | 21.28 | 21.37 | 21.43 | 21.61 | 22.00 | |
| 50 | | | LOW | 64QAM | 20.12 | 20.23 | 20.23 | 20.49 | 20.49 | 21.00 | |
| | | | MID | 64QAM | 20.10 | 20.29 | 20.46 | 20.48 | 20.60 | 21.00 | |
| | | | HIGH | 64QAM | 20.24 | 20.24 | 20.45 | 20.35 | 20.46 | 21.00 | |
| 100 | | | LOW | 64QAM | 20.20 | 20.27 | 20.45 | 20.40 | 20.52 | 21.00 | |